



WORKSHOP IN METHODS

SOCIAL SCIENCE RESEARCH COMMONS &
KARL F. SCHUESSLER INSTITUTE FOR SOCIAL RESEARCH

Multiplicity in systematic reviews and meta-analysis: Dealing with multiple source multiple outcomes

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Publication and reporting bias are well-documented in the scientific literature. Increased data and code sharing, and access to other sources of information such as Clinical Study Reports (CSRs), address concerns about the non-reproducibility of individual studies. Ironically, greater transparency has given rise to new problems. That is, systematic reviewers and meta-analysts can choose from among dozens of effect sizes that could be included in their analyses. Initiatives that increase validity and reproducibility in individual studies also create opportunities for bias in research synthesis and clinical guideline development. Scientists could adopt new methods to avoid cherry-picking at all stages of research and evidence synthesis.



Friday
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2-4pm



**Social Science Research
Commons Grand Hall**
Woodburn Hall 200
1100 E. 7th St., Bloomington, IN



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In 2019-2020, Indiana University is celebrating its Bicentennial, and the Workshop in Methods is celebrating its tenth year providing social science research methods workshops. Join us as WIM celebrates by looking back at the workshops we've offered, and ahead to social science research methods for the future.

